

AMENDMENTS TO THE CLAIMS

1.- 4. (Cancelled) .

5. (Currently Amended) A commutator, comprising:

a plurality of commutating pieces having outer faces; and

a plurality of combined sliding sections being fixed on the ~~outerface~~ outer faces of said commutating pieces, each of said combined sliding section including a first sliding member and a second sliding member,

wherein the first sliding members include carbon nano fibers whose outermost layers have electric conductivity, and

the second sliding members include no carbon nano fibers, the second sliding members are respectively integrated with the first sliding members, the second sliding members are fixed on the outer faces of said commutating pieces.

6. (Original) The commutator according to claim 5,

wherein said combined sliding sections further include third sliding members, which include no carbon nano fibers and which are respectively integrated with the first sliding members.

7. (Original) The commutator according to claim 5,

wherein said sliding members include graphite.

8. (Currently Amended) A commutator, comprising:

a plurality of commutating pieces having outer faces; and

a plurality of combined sliding sections being fixed on the ~~outerface~~ outer faces of said commutating pieces, each of said combined sliding section including a first sliding member and a second sliding member,

wherein the first sliding members include carbon nano tubes whose outermost layers have electric conductivity, and

the second sliding members include no carbon nano tubes, the second sliding members are respectively integrated with the first sliding members, the second sliding members are fixed on the outer faces of said commutating pieces.

9. (Original) The commutator according to claim 8,

wherein said combined sliding sections further include third sliding members, which include no carbon nano tubes and which are respectively integrated with the first sliding members.

10. (Original) The commutator according to claim 8

wherein said sliding members include graphite.

11. – 20. (Cancelled).

21. (NEW) An electric rotary device,
having a commutator, which comprises;
a plurality of commutating pieces having outer faces; and
a plurality of combined sliding sections being fixed on the outersurface of said commutating pieces, each of said combined sliding sections including a first sliding member and a second sliding member;
wherein the first sliding members include carbon nano fibers whose outermost layers have electric conductivity, and
the second sliding members include no carbon nano fibers, the second sliding members respectively integrated with the first sliding members, the second sliding members are fixed on the outer faces of said commutating pieces.

22. (NEW) The electric rotary device according to Claim 21,
wherein said combined sliding sections further include third sliding members, which include no carbon nano fibers and which are respectively integrated with the first sliding members.

23. (NEW) The electric rotary device according to Claim 21,
wherein said sliding members include graphite.

24. (NEW) The electric rotary device,
having a commutator, which comprises;
a plurality of commutating pieces having outer faces; and
a plurality of combined sliding sections being fixed on the outersurface of said commutating pieces, each of said combined sliding section including a first sliding member and a second sliding member,
wherein the first sliding member include carbon nano tubes whose outermost layers have electric conductivity, and
the second sliding members include no carbon nano tubes, the second sliding members are respectively integrated with the first sliding members, the second sliding members are fixed on the outer faces of said commutating pieces.

25. (NEW) The electric rotary device according to Claim 24,
wherein said combined sliding sections further include third sliding members, which include no carbon nano tubes and which are respectively integrated with the first sliding members.

26. (NEW) The electric rotary device according to Claim 24,
wherein said sliding members include graphite.